

# Project Proposal

**Proposal Title:** One Mile Canyon Habitat Improvement Project

**Proposal Number:** 1516

**DWR Region:** Northern Region

**Lead Agency:** USFS

**County:** Box Elder

**Project Manager:** Stephen Fillmore

**PM Phone:** 0

**Regional Priority:** Within Focus Area

**Project Type:** Terrestrial Habitat

**Proposed Start Date:** 7/1/2009

---

**Project Location:** Raft River mountains, six miles east of Yost, Utah

**Project Description:** Aspen regeneration project

**Description of Problem/Need:** The loss of aspen within the Raft River Mts. Has been identified by several agencies and organizations as a growing concern, particularly to meet wildlife needs. The overall goal of this project is to maintain aspen stands within One Mile Canyon and across the Raft River Mountain landscape.

**Objectives:** The objectives of this project will be to reduce or eliminate the encroachment of conifers into selected aspen stands. This will improve the growing conditions and encourage regeneration of aspen. It will provide for a variety of human and resource needs, including wildlife habitat, long term soil and water protection, and pleasing visual quality within the One Mile drainage. Expected results are approximately 1500 to 5,000 stems per acre depending on the particular stand treated and the site potential. Mule deer fawning and foraging areas are expected to benefit, as well as habitat for a variety of landbirds.

**Relevance to Strategic Plans:** The Sawtooth National LRMP has identified the One Mile area as a potential aspen restoration area. The Nature Conservancy has identified the Raft River Mts., through the Fire Learning Network, as a potential area needing aspen restoration.

**Potential Risks:** Risk of an escaped fire and loss to other habitat or vegetation types is considered low due to treatment locations, design and season (timing) of implementation.

**Proposed Methods:** One Helicopter with PSD igniter will aerially ignite 1600 ac in an effort to kill overstory conifers and regenerate aspen clones existing within the stand. The treatment on 125 acres involves felling nearly all conifers in an aspen stand, limbing the branches, and scattering the slash. This fuel bed is then burned to stimulate suckering. Cutting occurs in summer with burning occurring the following early spring. The method has been used successfully elsewhere on the District.

---

**Shapefile Name:** HPD2010/Proposals/NR/1516

**Seed Source:**

**UPCD Reg Team Coord Date:** 12/2/2009

**Proposed NEPA Action:**

**Proposed Arch Action:**

☐ **Vegetation Monitoring**      ☐ **Wildlife Monitoring**

**Monitoring Information:**

**Grazing Management:**

---

## SPECIES BENEFITING

Greater Sage-grouse	Mule Deer	Townsend's Big-eared Bat	Sharp-tailed Grouse
---------------------	-----------	--------------------------	---------------------

## LAND OWNERSHIP

Owner	Acres
USFS	1725
<b>Total</b>	<b>1725</b>

---

Wednesday, March 11, 2009 1:07:28 P

# Project Proposal

## PROPOSED FUNDING

Source	Amount Requested	Date Approved	Amount Approved
Unfunded Balance	\$30,000.00		\$0.00
USFS	\$80,000.00		\$0.00
Other	\$10,000.00		\$0.00
<b>Totals</b>	<b>\$120,000.00</b>		<b>\$0.00</b>

## PROPOSED BUDGET

Item	Description	DWR Account	Partner Contrib.
Equipment Rental	Helicopter with PSD igniter	\$7,000.00	\$0.00
Personal Services	4 type 4 engines with crews	\$20,000.00	\$0.00
Materials and Supplies	miscellaneous supplies	\$3,000.00	\$0.00
Contractual Services	Forest service personnel	\$0.00	\$80,000.00
Personal Services	TNC fire fighters	\$0.00	\$10,000.00
<b>Totals</b>		<b>\$30,000.00</b>	<b>\$90,000.00</b>

## Project Map:

[illegible]